Oreola Donini, PhD

WORK EXPERIENCE

Sr. Director, Preclinical R&D (Feb. 2007-present), July, 2004 – Present
Director, Chemistry (2004-2007), Inimex Pharmaceuticals Inc., Vancouver, BC

Responsibilities:

- Lead the discovery and identification of novel compounds for development.
- Manage initiation and implementation of GMP production.
- Manage and recommend strategy regarding the Inimex patent portfolio (11 patents in multiple jurisdictions).
- Key participant in research planning; generation of associated financial projections.
- Manage initiation and coordination of external biological testing program.
- Lead the Inimex data storage, handling and organization process.
- Manage IT infrastructure.

Key Accomplishments:

- Identification of an IND candidate.
- Selection of GMP Manufacturer and development of a solution phase synthesis for manufacturing.
- Development of an internal chemistry team to support lead optimization and non-GMP analytical development.
- Author of two composition of matter patents around the lead selection candidate.
- Contracted various studies enabling evaluation of compound efficacy and identification of potential biomarkers.

Manager, Cheminformatics & Small Molecule Discovery, Inimex Pharmaceuticals Inc., Vancouver, BC — 2003 – July, 2004

Responsibilities:

- Lead the peptide optimization process to identify an IND candidate.
- Molecular modeling analysis and acquisition of compounds supporting lead discovery and lead optimization activities.

Key Accomplishments:

- Developed and implemented a scientific data handling system.
- Developed SAR strategies for peptides.

Manager, Informatics, Kinetek Pharmaceuticals Inc., Vancouver, BC — 2001 – 2003

Responsibilities:

- Molecular modeling analysis and acquisition of compounds.
- Cheminformatics & bioinformatics support.

Key Accomplishments:

- Developed and implemented a corporate-wide scientific database (Integris).

R & D Planning & Program Management, Kinetek Pharmaceuticals Inc., Vancouver, BC *(Role was simultaneously performed in addition to Manager, Informatics.)* 2001-2003

Responsibilities:

- Developed and tracked R&D milestones and budgets.
- Integrated company priorities into the R&D plan and assess the resulting impact on R&D activities.
- Led a team of functional unit managers in a matrix-management environment.

Key Accomplishments:

- Accelerated evaluation and identification of promising hit compounds through enhanced process management.
- Improved communication channels to clarify goals of joint Kinetek / QLT research program.

Senior Scientist, Molecular Modeling, Kinetek Pharmaceuticals Inc., Vancouver, BC 2000 - 2001

Responsibilities:

- Provided molecular modeling support for Kinetek chemistry programs.
- Identified relevant vendor compounds for both focused and diverse libraries.
- Served as an internal consultant for outsourced modeling and synthesis.

Key Accomplishments:

- Initiated and developed the molecular modeling group at Kinetek.

EDUCATION

Post-Doctoral Fellowship, University of California, San Francisco. Supervisor: Dr. Peter Kollman. Lead optimization of MMP ligands; determination of enzymatic mechanism of action for citrate synthase; NSERC PDF scholarship. (1999-2000)

Doctorate of Philosophy. Queen's University, Kingston, Ontario. Supervisor: Dr. Donald Weaver, clinical neurologist "Ion Channels in Motion: Developing Computational Approaches to Dynamic Ion Channel Modeling.": Force field development for ion channel modeling, computational analysis of Shaker potassium channel gating; NSERC PGS A/B scholarships. *(1994-1998)*

Bachelor of Science, Honors Chemistry, University of Alberta. GPA: 8.7/9.0, emphasis on chemistry and mathematics; NSERC summer scholarships *(1990-1994)*

TRAINING PROGRAMS

- GXP on-site training for the drug development process (CATO Research).
- Lab to Leadership Management Program.
- Priority Management.

AWARDS AND HONOURS

- Most Valuable Contribution, Employee Recognition Award, Kinetek Pharmaceuticals, Year 2000.
- NSERC PDF (1999 – 2000)
- NSERC PGS A&B (1994 – 1998)